

Image 28 28



Patent
CIT.Q135

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:
SCHERER

SERIAL NO. : 10/044,502

FILED: JAN. 10, 2002

FOR: A COMPACT ELECTRICALLY
AND OPTICALLY PUMPED MULTI-
WAVELENGTH NANOCAVITY
LASER, MODULATOR AND
DETECTOR ARRAYS AND METHOD
OF MAKING THE SAME

Examiner: H.T. Vy

Group Art Unit: 2828

INTERVIEW RECORD

Hon. Commissioner of Patents and Trademarks
Washington DC 20231

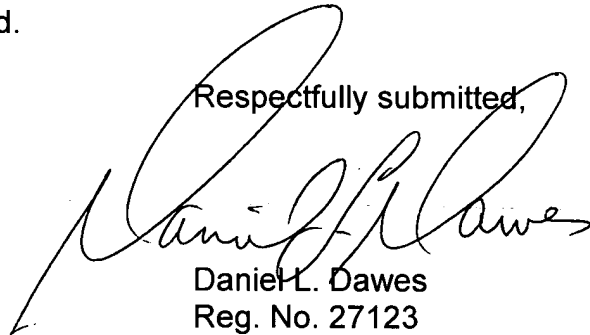
Sir:

In reply to the Advisory Action mailed Dec. 23, 2003, please note the following record of interview of Dec. 11, 2003 from applicant.

1. There were no exhibits or demonstrations.
2. Claim 1 was discussed.
3. The reference **Painter** was discussed.
4. The Examiner suggested inclusion in the preamble of claim 1 information taken from U.S. Patent 6,466,709. Applicants suggested that the claims be directed to an improvement in a photonic device.

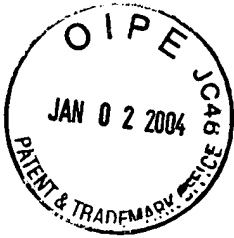
5. The notion of a plurality of cavities or defects themselves forming an array, which cavities or defects are defined in the array of holes forming a photonic crystal, was discussed. Wording directed to this notion in the original and amended claims under the Amendment After Final was discussed. The Examiner contended that a "patterned array of nanocavities" meant any collection or arrangement of defects in a photonic crystal, including random distributions of defects. The applicants argued that a "patterned array of nanocavities" would be understood to mean some type of repeated or periodic pattern of nanocavities.
6. No other matters of substance were discussed.
7. No agreement was reached.

Respectfully submitted,



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CERTIFICATE OF MAILING

I hereby certify that the attached Interview Record is being deposited with the United States Postal Service as First Class Mail postage prepaid in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on Dec. 29, 2003.


Nancy V. McElrath

12-29-03
Date